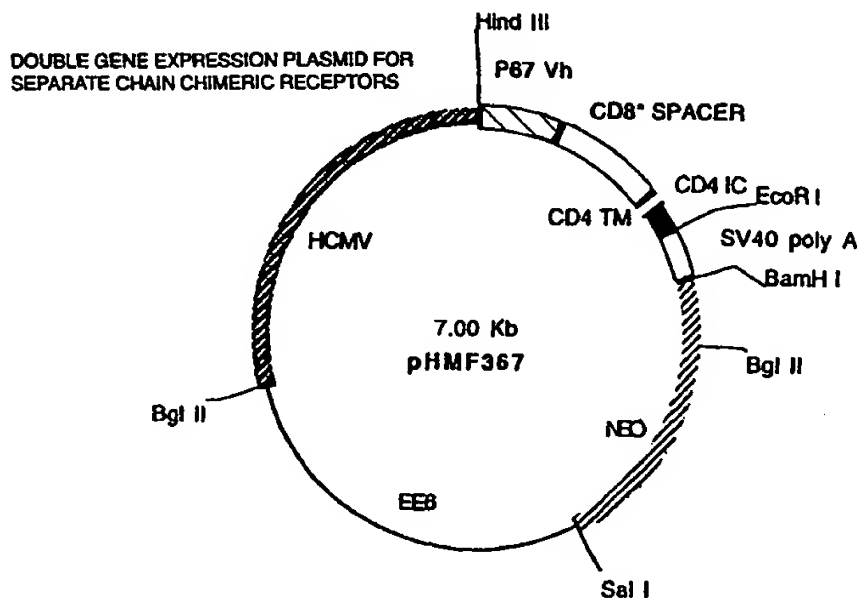




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(54) Title: CHIMERIC RECEPTORS



(57) Abstract

DNA is described which codes for chimeric receptors which contain two or more independent polypeptide chains. Each polypeptide chain contains an extra cellular ligand association domain attached to a signalling domain through a transmembrane spacer domains. Each polypeptide chain can be expressed in an effector cell and will remain largely unactivated in the absence of ligand. The presence of ligand induces a stable interaction between the ligand association domain and the intracellular domains leading to a signalling event and activation of the cell. The invention has application in medicine for example in the treatment of diseases such as cancer.

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